

Driveway Culverts

PART 1 GENERAL

1.1 PURPOSE

- A. Camden County desires to improve the longevity of county roadways by improving and maintaining the drainage systems.

1.2 EXISTING DRIVEWAYS

- A. On many county roadways there are no drainage ditches and therefore no driveway culverts. In order to insure that existing driveways remain passable and roadways do not incur storm water damage, Camden County is willing to fund the materials to install driveway culverts in existing driveways on a case-by-case basis.

1.3 NEW DRIVEWAYS

- A. Property owner is to supply and install corrugated metal culvert pipe(s). Camden County will assist by supplying a motor grader to cut the county ditch line. The property owner will construct the driveway so that water run-off flows into the ditch and not onto the county road.

PART 2 REQUIREMENTS

2.1 LOCATION

- A. Culverts must be located inside the right-of-way of a Camden County roadway.
- B. No direct driveway access may be provided from properties onto arterial streets unless no other option is possible.
- C. Driveways (including all materials associated with the driveways construction) must be placed within the parcel/lot's side property lines extended toward the right-of-way. For purposes of this provision, "side property line" shall include the road-ward projection of such line on the same bearing it had at its intersection with the right-of-way.
 - 1. Driveways and associated materials may be constructed outside the projected property lines, if a driveway easement is obtained from the neighboring property it encroaches upon. The driveway easement shall have a width of 5 feet running parallel and contiguous to the right-of-way.
- D. Length: 30 feet maximum, 24 feet minimum
 - 1. Concrete Manhole must be installed after 30 feet of pipe if wider driveways are desired.
- E. No Obstructions within 5 feet of the outlet or inlet of pipes.

2.2 MATERIALS

- A. Culverts must be corrugated metal steel, at least 14-gauge thickness and conform to MoDOT Section 1020 Corrugated Metallic Coated Culvert Pipe, Pipe Arches, and End Sections.
- B. Plastic or any material that can melt at temperatures less than 1000° F is not allowed.

2.3 DESIGN

- A. The minimum design frequency for storm runoff shall be 25 years for storm water collection (i.e. ditches, driveway culverts, curb and gutter, and storm water inlets).
- B. Driveway culverts shall have at least 10 inches of cover.

PART 3 FUNDING

3.1 COUNTY

- A. Camden County shall provide funding for all mobilization, labor, equipment, hauling, design culvert pipe(s), and base rock necessary to complete the installation of the driveway culvert for existing driveways.

3.2 PRIVATE

- A. Private parties shall provide funding for the installation of driveway pavement, topsoil, and any landscaping.
- B. New driveways shall be funded entirely by private parties with the exception of cutting the county ditch line.

PART 4 APPROVAL

4.1 ROAD & BRIDGE DEPARTMENT

- A. The County Engineer shall design the roadway drainage system, estimate material quantities, and place the item on the Camden County Commission agenda to recommend approval to fund driveway culvert materials.

4.2 CAMDEN COUNTY COMMISSION

- A. Driveway culverts where materials are funded by Camden County must be approved by the Camden County Commission.

END OF SECTION